

The norther Man (coond cheet) (Inly 1998)



INTERNATIONAL SEARCH REPORT

International application No.

			PCT/US03/23369		
A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G01N 29/04 US CL : 73/622, 627; 310/336 According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols) U.S.: 73/622, 623, 624, 627; 310/334, 336					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST, search terms: ultrasonic transducer, polystyrene, time of flight diffraction, TOFD, angle probe					
C. DOC	UMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where ap	propriate, of the rele	vant passages	Relevant to claim No.	
A	US 6,105431 A (DUFFILL et al.) 22 August 2000,	see column 2, line 42	-67.	1	
A	US 2002/0078759 A1 (BRAY) 27 June 2002, see par	agraph 44.	2		
Α	US 4,769,571 A (HABEGER, JR. et al.) 06 September 1988, see column 4, lines 4-11.			2	
A	US 4,326,274 A (HOTTA et al.) 20 April 1982, see column 3, line 63, to column 4, line 28.			1, 2	
A	US 5,932,807 A (MALLART) 03 August 1999, see Fig. 3.			1, 10	
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Further	documents are listed in the continuation of Box C.	·	t family annex.		
* S	pecial categories of cited documents:	"T" later docum	ent published after the in t in conflict with the appl	ternational filing date or priority ication but cited to understand the	
	t defining the general state of the art which is not considered to be alar relevance	principle or	theory underlying the inv of particular relevance; the	vention claimed invention cannot be	
	oplication or patent published on or after the international filing date t which may throw doubts on priority claim(s) or which is cited to	considered	novel or cannot be conside ocument is taken alone	ered to involve an inventive step	
"L" documen establish specified	the publication date of another citation or other special reason (as	considered combined v	to involve an inventive str vith one or more other sur	ch documents, such combination	
	t referring to an oral disclosure, use, exhibition or other means		ous to a person skilled in t		
priority o	a published prior to the international filing date but later than the late claimed		nember of the same paten		
Date of the a	ctual completion of the international search	Date of mailing of the international search report			
23 December	2003 (23.12.2003)	Authorized officer		U S JAN ZUU4	
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Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)					
This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:					
1. Claim Nos.: 11-20 because they relate to subject matter not required to be searched by this Authority, namely: method of doing business. See PCT Rule 39.					
Claim Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to an extent that no meaningful international search can be carried out, specifically:	such .				
3. Claim Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule of	5.4(a).				
Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)					
This International Searching Authority found multiple inventions in this international application, as follows:					
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.					
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invit payment of any additional fee.	e				
As only some of the required additional search fees were timely paid by the applicant, this international search recovers only those claims for which fees were paid, specifically claims Nos.:	eport				
4. No required additional search fees were timely paid by the applicant. Consequently, this international search representation of the invention first mentioned in the claims; it is covered by claims Nos.:	port is				
Remark on Protest The additional search fees were accompanied by the applicant's protest.					
No protest accompanied the payment of additional search fees.	-				